Custom Addressable Fire Alarm System Input Module For Monitoring And Supervised Monitoring

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: XHA
- Certification: CE
- Model Number: CA9007
- Minimum Order Quantity: 1PCS
- Price: negotiable
- Packaging Details: 100pcs/carton
- Delivery Time: 3 Working days
- Payment Terms: T/T, Western Union
- Supply Ability: 100000PCS/Month

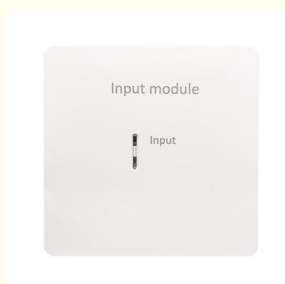## Product Specification

- Type: Addressable
- Types Of Smoke Detectors: Input Module
- Installation: Wall Mounting
- Connected: Loop Bus
- Customized: Acceptable
- Wire Type: Non-Polarity 2-Wired
- Input Voltage: 17-33VDC
- Environment: Humidity ≤95%
- Operating Temperature: -10°C To 50°C
- Humidity Range: 10% To 95% RH
- Highlight: **Custom Addressable Fire Alarm System**,
  Addressable Fire Alarm System Input Module

More Images

Product Description

Introduction

An input module is also known as a monitor module,it is a device used in addressable fire alarm systems to interface with and monitor the status of various system components and auxiliary devices.
The key functions and features of an input module include:

Monitoring Inputs:
The input module is connected to various system elements, such as:
Sprinkler flow switches
Tamper switches
Elevator recall inputs
HVAC system status signals
Other auxiliary devices and sensors
It continuously monitors the status of these connected inputs.

Reporting Status Changes:
When the input module detects a change in the status of a connected device (e.g., a sprinkler flow switch activating), it communicates this information to the fire alarm control panel.
This allows the control panel to accurately track the status of the monitored fire protection and life safety systems.

Addressability:
Like other addressable devices, each input module has a unique digital address recognized by the fire alarm control panel.
This enables the control panel to identify the specific location and source of any reported alarm or supervisory signals.
Supervised Monitoring:
Input modules are typically configured to monitor their connected inputs for both normal and abnormal conditions, such as open circuits or short circuits.
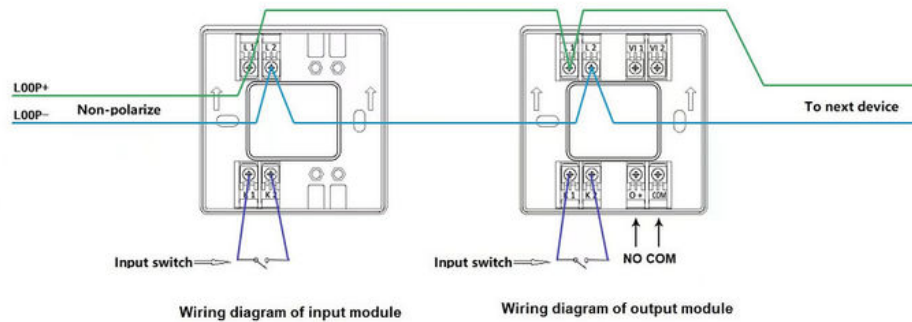This supervisory monitoring helps ensure the integrity of the overall fire alarm system.

The use of addressable input modules provides several benefits, including improved system diagnostics, more precise incident location, and enhanced integration with other building systems. They are a crucial component in modern, sophisticated fire alarm systems.
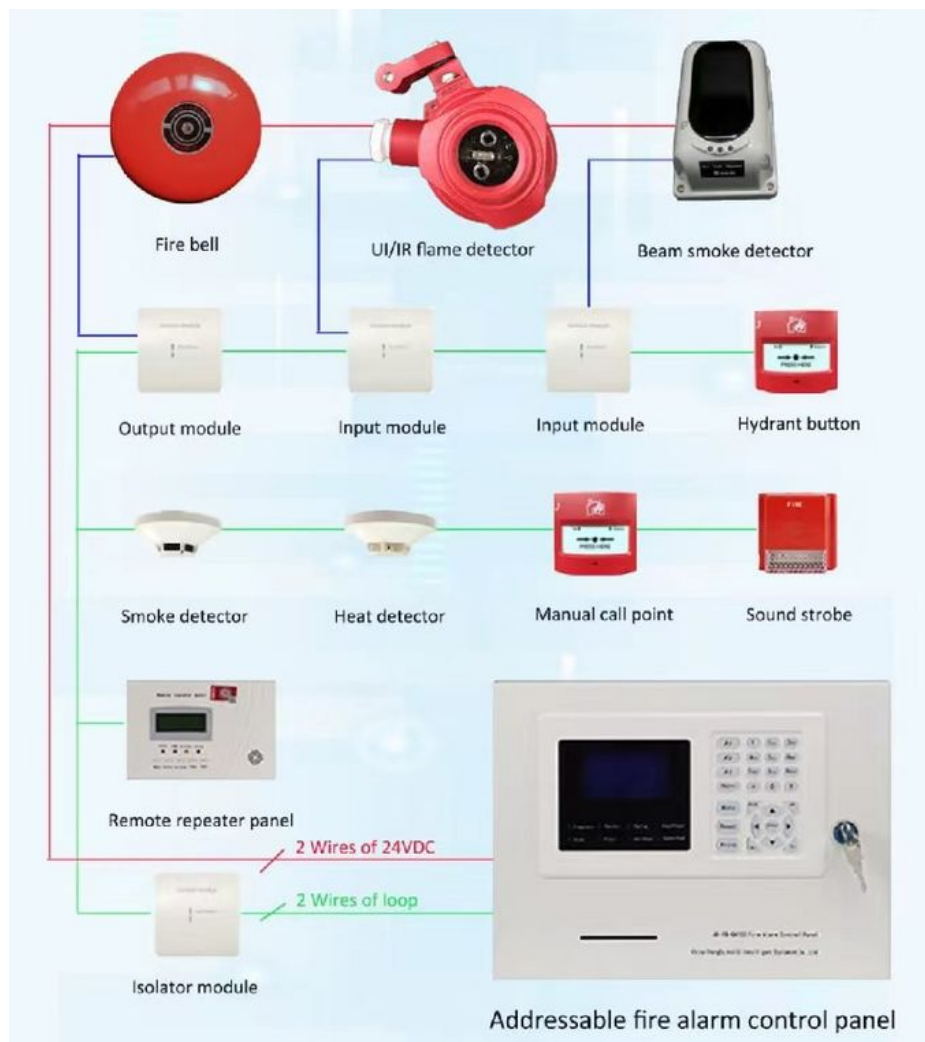
Parameters

Product name	Input Module	Type	Addressable
Loop Bus wired	2-wire Non-polarized	Monitor Current	≤350uA
Alarm Currrent	≤2mA	Dimension	Φ85*40 mm
Work voltage	DC17V DC33V	Operating Environment	Temperature -10°C~+50°C Humidity ≤95%.
Weight	Weight:60g(with base)	Certification	CE

Connection between Input Module

LOOP+
LOOP−   Non-polarize   To next device

Input switch   Input switch   NO COM

Wiring diagram of input module   Wiring diagram of output module

Connection Diagram of Fire Alarm System

Fire bell | UI/IR flame detector | Beam smoke detector

Output module | Input module | Input module | Hydrant button

Smoke detector | Heat detector | Manual call point | Sound strobe

Remote repeater panel

2 Wires of 24VDC

2 Wires of loop

Isolator module

Addressable fire alarm control panel

Product range

Conventional Fire Alarm System
Addressable fire alarm system
Gas Extinguishing control system
Beam Detector
4 wire smoke detectors with relay output.
2 wire Conventional smoke and heat detectors
Explosion-proof flame detector for fire alarm system
Standalone smoke detectors and combustable gas detector

Service

1. OEM &ODM service.
2. Provide technical support and after-sale service.
3. 1 year warranty.
4. Normally 15 working days lead time.
5. Welcome sample order.

+8615986702194 Claire.tian@xinheantech.com xhafiresafety.com

406,Jude Building,Zhengfeng South Road,Fuyong Street,Bao'An District, Shenzhen City, Guangdong Province. China,518103